Rating

Rating Component This document outlines the specifications for the RatingComponent , an Angular component designed to allow users to rate items by selecting a numerical value from a predefined range. Purpose ■ The RatingComponent provides a user-friendly interface for users to assign ratings to items by selecting a numerical value within a specified range. It enhances user engagement and feedback mechanisms within applications by enabling users to express their opinions through ratings. Usage ■ Integrate the RatingComponent into your Angular applications to enable users to rate items by selecting a numerical value from a predefined range. Inputs ■ maxValue : (Required) Specifies the maximum value in the rating scale. value : (Optional) The current rating value. Defaults to 0 . readOnly : (Optional) Disables user interaction with the rating component if set to true . showText : (Optional) Displays the numerical value of the rating alongside the rating component if set to true . icon : (Optional) Specifies the icon to be used for the rating. Accepts CSS classes or SVG icons. Events ■ valueChange : Fired when the rating value changes. Emits the new rating value. < app-rating [maxValue] = " 5 " [value] = " currentRating " [readOnly] = " false " [showText] = " true " icon = " fa fa-star " (valueChange) = " onRatingChange($event) " > </ app-rating > Notes ■ Customize the styling of the rating component and its icons to match the overall design aesthetics of your application. Implement the valueChange event handler to respond to changes in the rating value. Ensure that the maxValue input accurately reflects the maximum value in the rating scale to provide an appropriate range for users to select from. // Example usage currentRating : number = 3.5 ; onRatingChange (value : number) { this . currentRating = value ; }

```
<app-rating
  [maxValue]="5"
  [value]="currentRating"
  [readOnly]="false"
  [showText]="true"
  icon="fa fa-star"
  (valueChange)="onRatingChange($event)"
></app-rating>


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// Example usage
currentRating: number = 3.5;

onRatingChange(value: number) {
  this.currentRating = value;
}
```